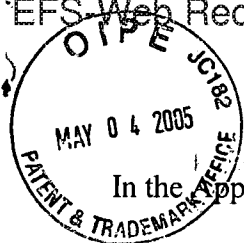


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-081)

#3



In the Application of:

Cook et al.

Serial No.: 10/522,490

Filed: January 26, 2005

Title: Temperature Responsive Safety Devices  
For Munitions

Art Unit: Unknown

Examiner: Not Assigned

## TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In regard to the above identified application:

## 1. We are transmitting herewith the attached:

- Information Disclosure Statement
- Form PTO-1449
- Copy of non-U.S. patent references
- Return Receipt Postcard

## 2. With respect to additional fees:

- Attached is a check in the amount of \$-0-

3. Please charge any additional fees or credit overpayment to Deposit Account No.13-2490. A duplicate copy of this sheet is enclosed.

4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on this 29th day of April, 2005.

By:

  
A. Blair Hughes  
Reg. No. 32,901McDONNELL BOEHNNEN,  
HULBERT & BERGHOF LLP  
300 SOUTH WACKER DRIVE  
CHICAGO, ILLINOIS 60606  
TELEPHONE (312) 913-0001

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TC/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-081)

PATENT

In the Application of: )  
)  
Cook et al. )  
) Art Unit: Unknown  
Serial No.: 10/522,490 )  
)  
Filed: January 26, 2005 ) Examiner: Not Assigned  
)  
Title: Temperature Responsive Safety Devices )  
For Munitions )

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97-1.98, applicants wish to make the following references of record in the above-identified application. These references may be material to the Examiner's consideration of the presently pending claims. Copies of the references cited below are enclosed along with a completed Form-1449.

**U.S. Patents**

	<u>Patent No.</u>	<u>Inventor</u>	<u>Publication Date</u>
1.	4,035,007	Harrison et al.	July 12, 1977
2.	5,060,470	Vannane	October 29, 1991
3.	6,321,656	Johnson	November 27, 2001
4.	6,450,725	Roth et al.	September 17, 2002

McDONNELL BOEHNEN HULBERT & BERGHOFF LLP  
300 South Wacker Drive  
Chicago, Illinois 60606

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TC/

**Foreign Patents**

	<u>Patent No.</u>	<u>Inventor</u>	<u>Publication Date</u>
1.	FR 2 686 410	Berton et al.	July 23, 1993
2.	FR 2 742 221	Mulleman	December 12, 1995
3.	EP 0 738 869	Lolive	October 23, 1996
4.	EP 0 334 731	Mulleman	September 27, 1989
5.	EP 0 310 369	Brown	April 4, 1989
6.	EP 0 004 696	Flaherty et al.	October 17, 1979
7.	WO 02/03019	Prytz	January 10, 2002
8.	WO 90/12237	Borden et al.	October 18, 1990
9.	JP 05322074 (Abstract)	Shibata	December 7, 1993
10.	JP 05099377 (Abstract)	Shibata	April 20, 1993
11.	JP 2000-106060	Takashi	April 11, 2000
12.	JP 8-189510	Mizuho	July 23, 1996
13.	DE 3007307	Melton et al.	July 23, 1981
14.	GB 2 352 768	Schlosser et al.	February 7, 2001

**Other Documents**

1. Search Report from the UK Patent Office for Application Number GB 0218598.1
2. International Search Report from the European Patent Office for Application Number PCT/GB03/03398

**Summary of the Relevancy of Foreign Language References**

FR 2 686 410 – this reference was cited in the Search Report issued by the European Patent Office in the corresponding PCT patent application. The International Search Report identifies the document as an “X” document with respect to claims 18-21, 47 and 48– a document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone. The International Search Report also identifies the document as an “Y” document with respect to claims 1-10, 17, 19-22 and 33-46 – a document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document combined with one or more other such documents, such combination being obvious to a person skilled in the art.

FR 2 742 221 - this reference was cited in the Search Report issued by the British Patent Office in the corresponding British patent application. The British Search Report identifies the document as an “X” document – a document indicating lack of novelty or inventive step. The Search Report indicates that the Figure 1 and WPI abstract (1997-335500) as being particularly relevant to claims 1-2, 7-8, 10-11, 13 and 15-32.

EP 0 334 731 - this reference was cited in the Search Report issued by the British Patent Office in the corresponding British patent application. The British Search Report identifies the document as an “X” document – a document indicating lack of novelty or inventive step. The Search Report indicates that the Figure 1 and WPI abstract (1989-280046) as being particularly relevant to claims 1-3, 7-8, 10-13 and 15-32.

EP 0 738 869 - this reference was cited in the Search Report issued by the European Patent Office in the corresponding PCT patent application. The International Search Report identifies the document as an “X” document with respect to claims 47 and 48– a document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone. The International Search Report also

identifies the document as an “Y” document with respect to claims 1-10, and 17 – a document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document combined with one or more other such documents, such combination being obvious to a person skilled in the art.

JP 2000-106060 - this reference was cited in the Search Report issued by the British Patent Office in the corresponding British patent application. The British Search Report identifies the document as an “X” document – a document indicating lack of novelty or inventive step. The Search Report indicates that the Figures 1-5 and WPI abstract (2000-335046) as being particularly relevant to claims 1-3, 7-8, 10, 11, and 15-32.

JP 08-189510 - this reference was cited in the Search Report issued by the British Patent Office in the corresponding British patent application. The British Search Report identifies the document as an “X” document – a document indicating lack of novelty or inventive step. The Search Report indicates that the Figures 1 and 2 and WPI abstract (1906-389423) as being particularly relevant to claims 1-5, 7-8, 10-13 and 15-32.

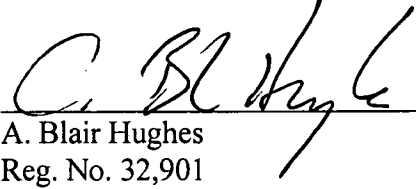
DE 3007307 - this reference was cited in the Search Report issued by the British Patent Office in the corresponding British patent application. The British Search Report identifies the document as an “X” document – a document indicating lack of novelty or inventive step. The Search Report indicates that the Figures 1-5 and WPI abstract (1981-55374) as being particularly relevant to claims 1-3, 7-8, 13 and 15-32.

Respectfully submitted,

McDONNELL BOEHNEN HULBERT &  
BERGHOFF LLP

Dated: April 29, 2005

By:

  
A. Blair Hughes  
Reg. No. 32,901

McDONNELL BOEHNEN HULBERT & BERGHOFF LLP  
300 South Wacker Drive  
Chicago, Illinois 60606

FORM PTO-1449  
(Rev. 2-32)

MAY 04 2005

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

05-081

Serial No.

10/522,490

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:

Cook et al.

Filing Date:

1/26/05

Group:

Unknown

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	4,035,007	7/12/77	Harrison et al.			
	5,060,470	10/29/91	Vannname			
	6,321,656	11/27/01	Johnson			
	6,450,725	9/17/02	Roth et al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	FR 2 686 410	7/23/93	FR				X
	FR 2 742 221	12/12/95	FR				X
	EP 0 738 869	10/23/96	EP				X
	EP 0 334 731	9/27/89	EP				X
	EP 0 310 369	4/4/89	EP				
	EP 0 004 696	10/17/97	EP				
	WO 02/03019	1/10/02	PCT				
	WO 90/12237	10/18/90	PCT				

EXAMINER /Troy Chambers/ (02/08/2008)

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<b>FORM PTO-1449</b> (Rev. 2-32)	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Atty. Docket No.</b>  05-081	<b>Serial No.</b>  10/522,490
<div data-bbox="105 241 349 493" data-label="Image"> </div> <div data-bbox="349 241 722 304" data-label="Section-Header"> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> </div> <div data-bbox="349 325 722 367" data-label="Text">         (Use several sheets if necessary)       </div>		<b>Applicant:</b>  Cook et al.  <b>Filing Date:</b> 1/26/05	
		<b>Group:</b> Unknown	

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		JP 05322074 – Abstract	12/7/93	JP				
		JP 05099377 – Abstract	4/20/93	JP				
		JP 2000-106060	4/11/00	JP				X
		JP 08-189510	7/23/96	JP				X
		DE 3007307	7/23/81	DE				X
		GB 2 352 768	2/7/01	GB				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).**

	Search Report from the UK Patent Office for Application Number GB 0218598.1
	International Search Report from the European Patent Office for Application Number PCT/GB03/03398

EXAMINER	/Troy Chambers/ (02/08/2008)	DATE CONSIDERED
----------	------------------------------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.